

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

JUN 13 2002

ATTY DOCKET NO.

2011142

SERIAL NO.

09/937,740

Peter Robert Raffaele et al.

FILING

April 3, 2000

GROUP

TO BE ASSIGNED

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
JK	1.	1,349,660	08/17/1920	Buhl			11/26/1918
	2.	1,987,661	01/15/1935	Blauvelt et al.	74	602	04/06/1934
	3.	3,258,992	07/05/1966	Hittell	74	603	02/25/1963
	4.	4,013,048	03/22/1977	Reitz	123	56	12/12/1975
	5.	4,124,002	11/07/1978	Crise	123	78 E	12/01/1976
	6.	4,173,151	11/06/1979	Grundy	74	49	06/30/1977
	7.	4,184,817	01/22/1980	Pareja	417	539	12/01/1977
	8.	4,331,108	05/25/1982	Collins	123	50 R	01/14/1980
	9.	4,584,972	04/29/1986	Jayne et al.	123	56 C	12/21/1984
	10.	4,598,672	07/08/1986	Jayne et al.	123	56 BC	02/06/1985
	11.	4,694,785	09/22/1987	Timmerman et al.	123	52 A	01/23/1986

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
JK	26.	UK 200,704	07/19/1923	United Kingdom				
	27.	AU 678,677	09/03/1952	Australia				
	28.	DT 2361228	06/16/1975	Germany			✓	
	29.	FR 2438746	05/09/1980	France			✓	
	30.	EP 0187930	07/23/1986	European			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

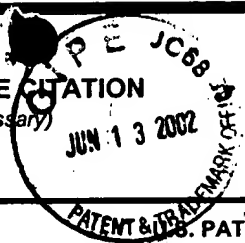
JK	42.	Article: CKE's Radial Engine, based on Kmickiewicz U.S. Patent 4,727,794, printed from internet web page at http://www.cke.tech.com.RE.htm and DWG SK-076, Kinematics and Dynamics of CKE's Radial Engine compared to conventional mechanisms con Scotch Yoke, based on Kmickiewicz U.S. Patent 4,727,794
JK	43.	Article: The Collins Scotch Yoke Engine as a Compac[t] Alternative - A Theoretical Comparison of [f] Features of Scotch Yoke and Conventional Engine[s], Hans G. Rosenkra[nz] CMC Research Pty. and Harry C. Wats[on] University of Melbourne; publication date of article unknown

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

2011142

SERIAL NO.

09/937,740

Peter Robert Raffaele et al.

FILING

April 3, 2000

GROUP

TO BE ASSIGNED

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
J.V.	12.	4,715,336	12/29/1987	Schindler et al.	123	56 BC	02/26/1986
	13.	4,727,794	03/01/1988	Kmicikiewicz	91	491	01/21/1987
	14.	4,738,230	04/19/1988	Johnson	123	56 BC	03/13/1986
	15.	4,751,871	06/21/1988	Burghardt et al.	92	212	03/19/1986
	16.	4,776,310	10/11/1988	Gray	123	197 AC	04/20/1987
	17.	4,791,898	12/20/1988	Jayne	123	197 AC	12/02/1986
	18.	4,825,820	05/02/1989	Morgan	123	56 BC	11/09/1987
	19.	5,327,863	07/12/1994	Downton et al.	123	197.4	02/21/1991
	20.	5,402,755	04/04/1995	Waissi	123	55.3	08/16/1993
	21.	5,431,130	07/11/1995	Brackett	123	70 R	11/08/1993
	22.	5,503,037	04/02/1996	Aquino et al.	74	49	04/01/1994

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
J.V.	31.	SU 1281700	01/07/1987	Soviet Union			✓	
	32.	EP 0241243	10/14/1987	European				
	33.	DE 3624753	01/15/1987	Germany			✓	
	34.	WO 90/06426	06/14/1990	International			✓	
	35.	DE 4408646	09/22/1994	Germany			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

J.V.	44.	Some Unusual Engine, pp. 124-127, by L. J. K. Setright, published in 1975 by Mechanical Engineering Publications Limited (ISBN 0852982089)

EXAMINER

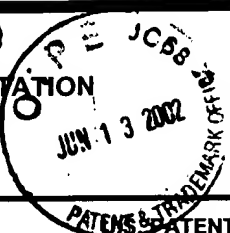
DATE CONSIDERED

8-1-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

2011142

SERIAL NO.

09/937,740

Peter Robert Raffaele et al.

FILING

April 3, 2000

GROUP

TO BE ASSIGNED

PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SV	23.	5,755,192	05/26/1998	Brevick	123	78 B	01/16/1997
SV	24.	5,791,302	08/11/1998	Ma	123	48 B	03/06/1995
SV	25.	5,873,339	02/23/1999	Isogai	123	197.4	06/09/1997

RECEIVED

AUG - 5 2002

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SV	36.	DE 19500854	01/21/1994	Germany	—	—	✓	
	37.	WO 97/36096	10/02/1997	International	—	—		
	38.	DE 19725227	01/02/1998	Germany	—	—	✓	
	39	JP 10054255	02/24/1998	Japan	—	—	✓	
	40	JP 10331940	12/15/1998	Japan	—	—	✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

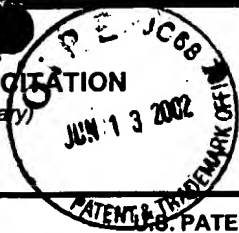
[Signature]

DATE CONSIDERED

8-1-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION
(Use several sheets if necessary)



ATTY DOCKET NO.
2011142

SERIAL NO.
09/937,740

Peter Robert Raffaele et al.

FILING
April 3, 2000

GROUP
TO BE ASSIGNED

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

RECEIVED

AUG - 5 2002

TECHNOLOGY CENTER R3700

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
5V-	41	WO 01/50037	07/12/2001	International	-	-	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER *[Signature]*

DATE CONSIDERED 8-1-03

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.